

FIG.1  
(PRIOR ART)

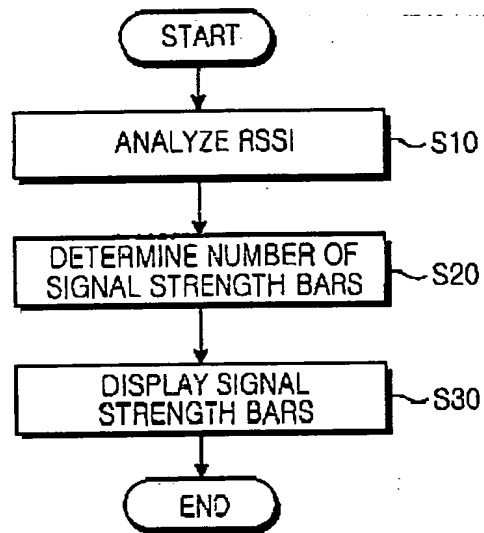


FIG.2  
(PRIOR ART)

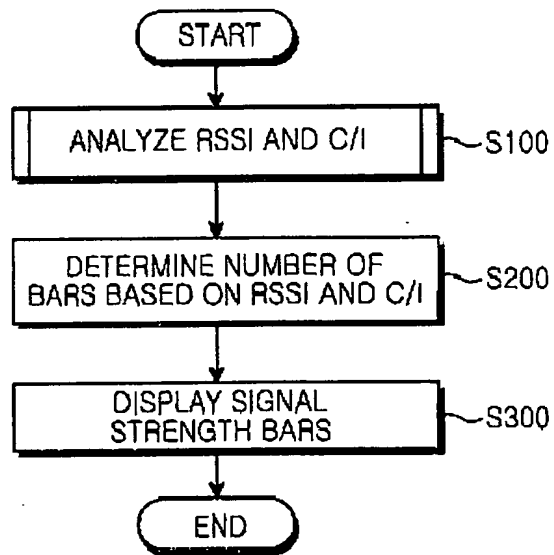


FIG.3

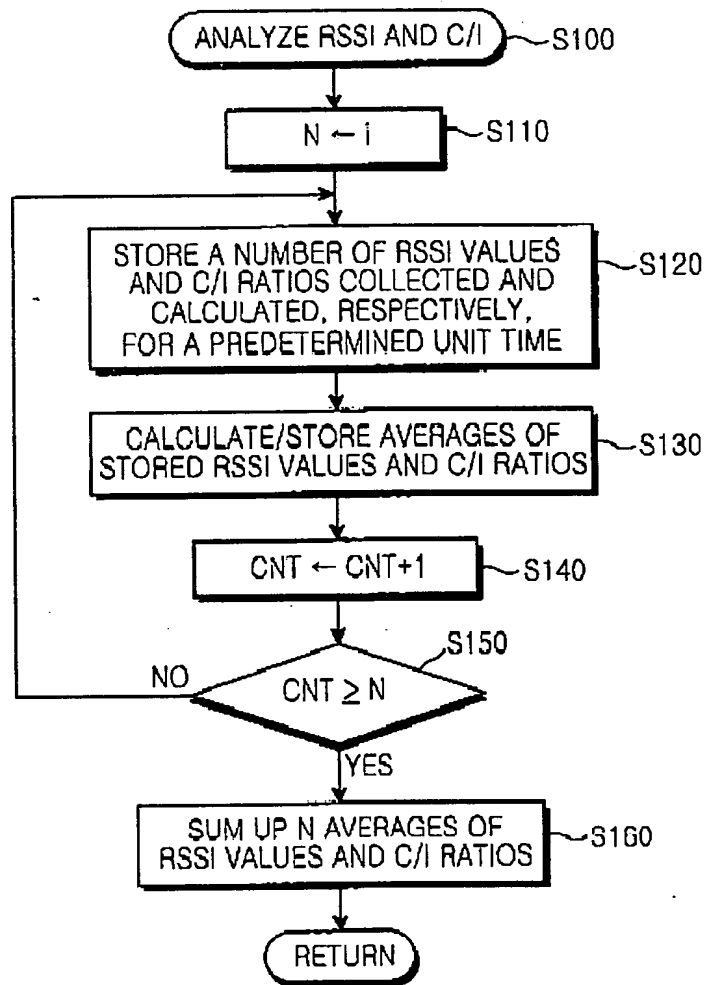


FIG.4

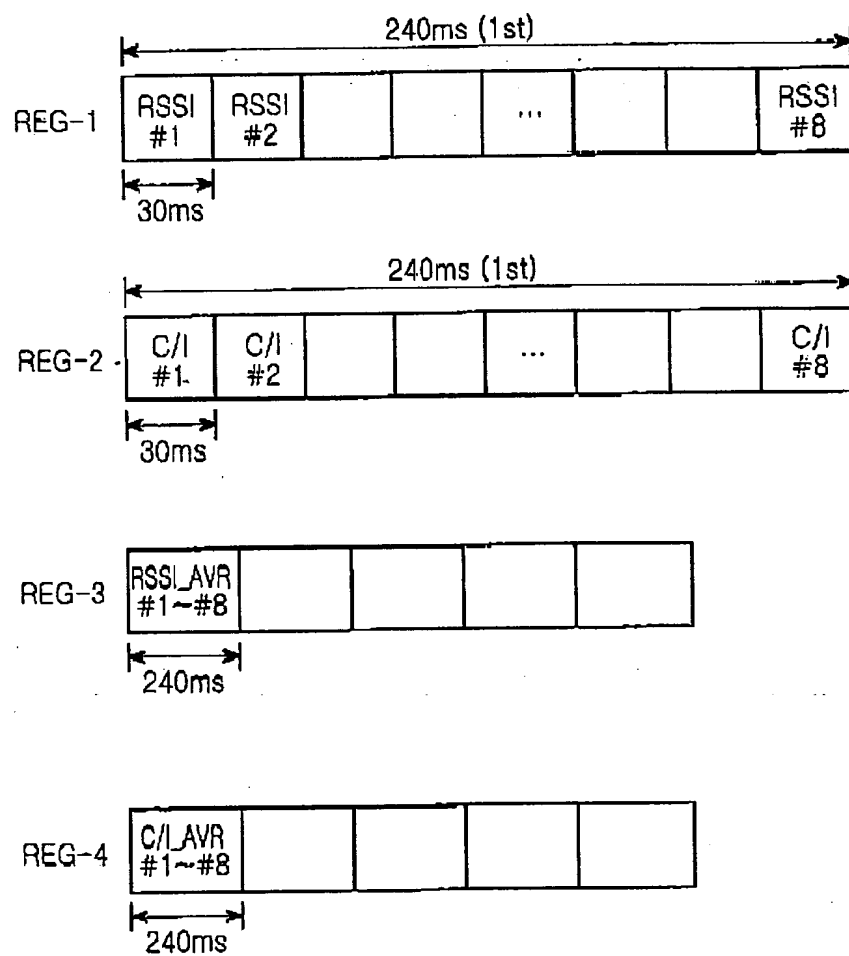


FIG.5A

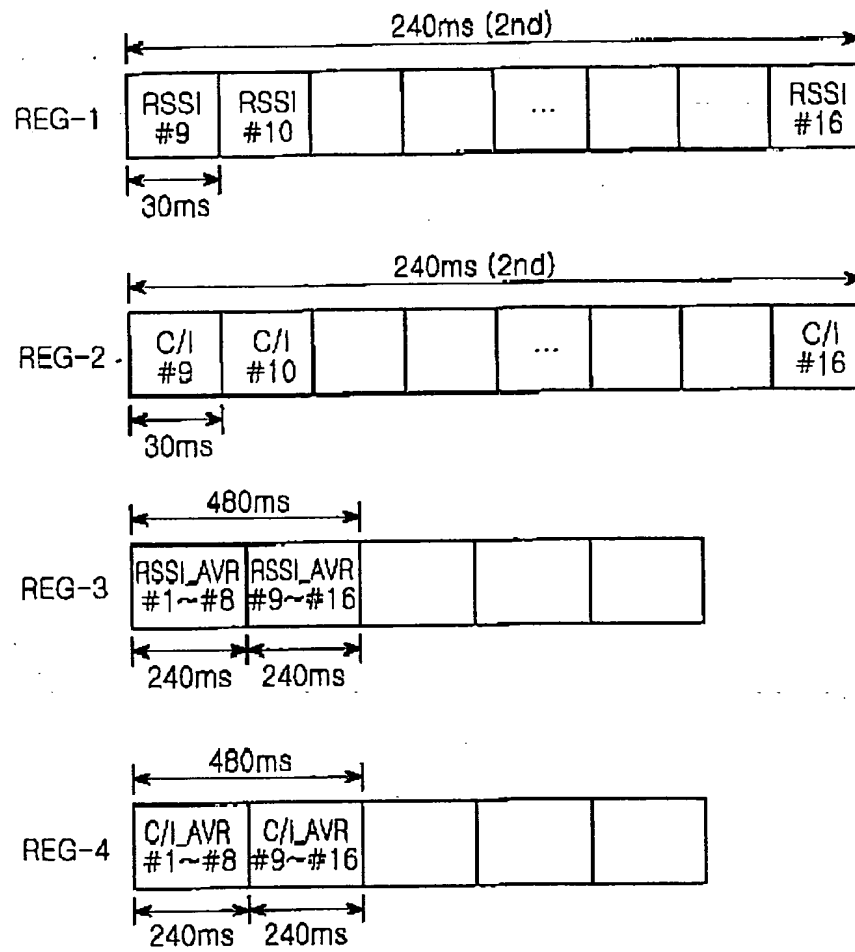


FIG.5B

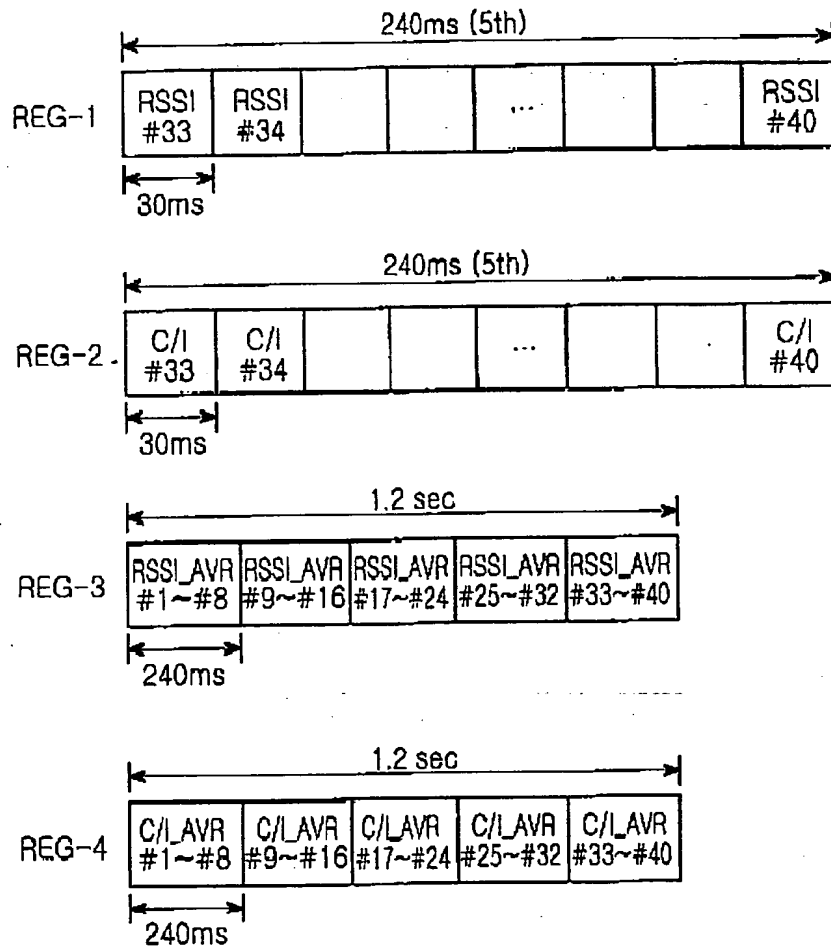


FIG.5C

| NO. | RSSI + C/I                      | C/I                        | NUMBER OF BARS |
|-----|---------------------------------|----------------------------|----------------|
| 1   | -120 OR LESS                    | OVERALL RANGE              | NO SERVICE     |
| 2   | MORE THAN -120,<br>-110 OR LESS | -15 OR LESS                | 1              |
|     |                                 | MORE THAN -15              | 2              |
| 3   | MORE THAN -110,<br>-105 OR LESS | -15 OR LESS                | 1              |
|     |                                 | MORE THAN -15, -10 OR LESS | 2              |
|     |                                 | MORE THAN -10              | 3              |
| 4   | MORE THAN -105,<br>-100 OR LESS | -15 OR LESS                | 1              |
|     |                                 | MORE THAN -15, -10 OR LESS | 2              |
|     |                                 | MORE THAN -10, -5 OR LESS  | 3              |
|     |                                 | MORE THAN -5               | 4              |
| 5   | MORE THAN -100,<br>-95 OR LESS  | -15 OR LESS                | 1              |
|     |                                 | MORE THAN -15, -10 OR LESS | 2              |
|     |                                 | MORE THAN -10, -5 OR LESS  | 3              |
|     |                                 | MORE THAN -5, -0 OR LESS   | 4              |
|     |                                 | MORE THAN -0               | 5              |
| 6   | MORE THAN -95,<br>-90 OR LESS   | -15 OR LESS                | 1              |
|     |                                 | MORE THAN -15, -10 OR LESS | 2              |
|     |                                 | MORE THAN -10, -5 OR LESS  | 3              |
|     |                                 | MORE THAN -5, -0 OR LESS   | 4              |
|     |                                 | MORE THAN -0, 5 OR LESS    | 5              |
|     |                                 | MORE THAN 5                | 6              |
| 7   | MORE THAN -90,<br>-85 OR LESS   | -15 OR LESS                | 2              |
|     |                                 | MORE THAN -15, -10 OR LESS | 3              |
|     |                                 | MORE THAN -10, -5 OR LESS  | 4              |
|     |                                 | MORE THAN -5, -0 OR LESS   | 5              |
|     |                                 | MORE THAN -0               | 6              |
| 8   | MORE THAN -85                   | -15 OR LESS                | 3              |
|     |                                 | MORE THAN -15, -10 OR LESS | 4              |
|     |                                 | MORE THAN -10, -5 OR LESS  | 5              |
|     |                                 | MORE THAN -5               | 6              |

FIG.6